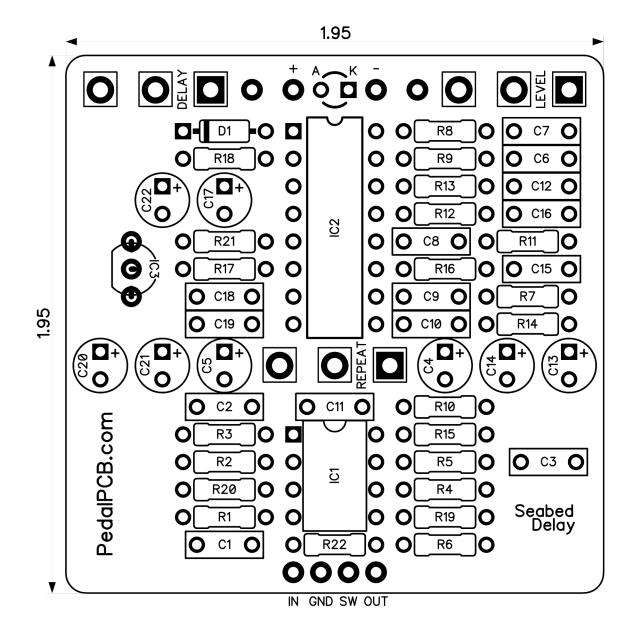


Revised 1/1/24



CONTROLS AND FEATURES

- Level
- Delay
- Repeat

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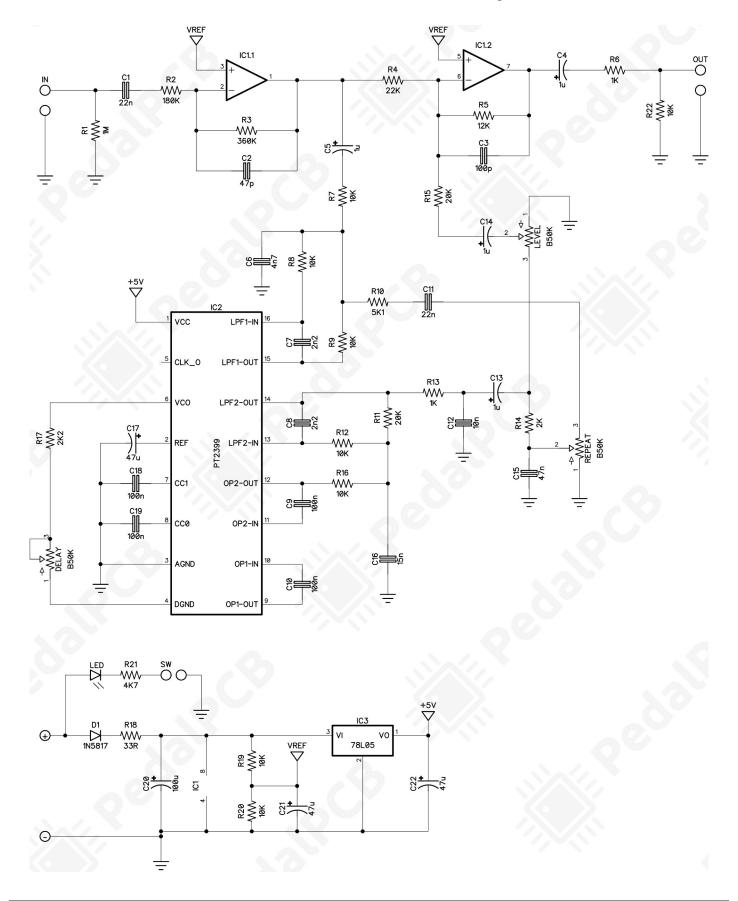


Parts List (Page 1 of 1)

LOCATION	VALUE	ТҮРЕ	NOTES
R1	1M	Resistor, 1/4W	
R2	180K	Resistor, 1/4W	
R3	360K	Resistor, 1/4W	
R4	22K	Resistor, 1/4W	
R4 R5	12K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R6 R7	10K	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	10K	Resistor, 1/4W	
R10	5K1	Resistor, 1/4W	
R11	20K	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	1K	Resistor, 1/4W	
R14	2K	Resistor, 1/4W	
R15	20K	Resistor, 1/4W	
		Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R17	2K2	Resistor, 1/4W	
R18	33R	Resistor, 1/4W	
R19	10K	Resistor, 1/4W	
R20	10K	Resistor, 1/4W	* 1 5 0
R21	4K7	Resistor, 1/4W	* LED current limiting resistor
R22	10K	Resistor, 1/4W	
C1	22n	Film capacitor, 7.2 x 2.5mm	
C1 C2 C3 C4 C5 C6 C7	47p	Ceramic capacitor	
C3	100p	Ceramic capacitor	
C4	1u	Electrolytic capacitor, 5mm	
C5	1u	Electrolytic capacitor, 5mm	
<u>C6</u>	4n7	Film capacitor, 7.2 x 2.5mm	
C7	2n2	Film capacitor, 7.2 x 2.5mm	
C8	2n2	Film capacitor, 7.2 x 2.5mm	
Č8 C9	100n	Film capacitor, 7.2 x 2.5mm	
C10	100n	Film capacitor, 7.2 x 2.5mm	
C11	22n	Film capacitor, 7.2 x 2.5mm	
C12	10n	Film capacitor, 7.2 x 2.5mm	
C13	1u	Electrolytic capacitor, 5mm	
C14	1u	Electrolytic capacitor, 5mm	
C15	47n	Film capacitor, 7.2 x 2.5mm	
C16	15n	Film capacitor, 7.2 x 2.5mm	
C17	47u	Electrolytic capacitor, 5mm	+
C18	100n		
C19	100n	Film capacitor, 7.2 x 2.5mm Film capacitor, 7.2 x 2.5mm	+
C20	100u	Electrolytic capacitor, 5mm	+
C_{21}	47u	Electrolytic capacitor, 5mm	
C18 C19 C20 C21 C22	47u 47u	Electrolytic capacitor, 5mm	
D1	1N5817	Schottky diode, DO-41	
IC1	TL072	Dual op-amp, DIP8	
IC2	PT2399	CMOS echo/delay IC	
IC3	78L05	Voltage regulator, +5V	
LEVEL	B50K	16mm right angle DCP mount act	
DELAY	B50K	16mm right-angle PCB mount pot 16mm right-angle PCB mount pot	
REPEAT	B50K	16mm right-angle PCB mount pot	

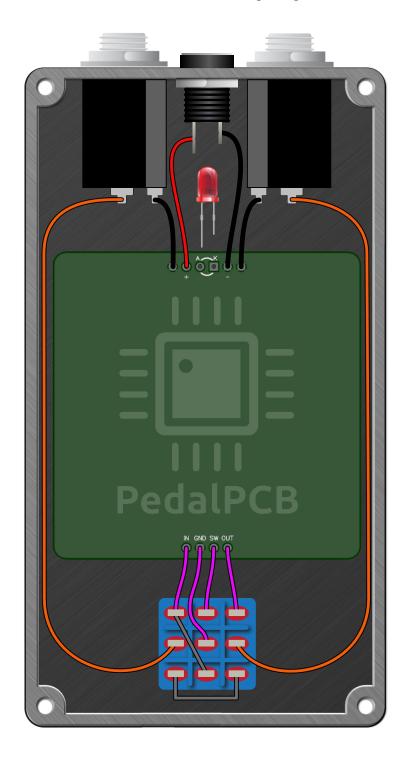


Schematic Diagram





Wiring Diagram





Drill Template 125B Enclosure

